



Patent
Attorney's Docket No. 021238-409

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Tuan VO-DINH et al.

Application No.: 10/022,239

Filed: December 20, 2001

For: MONITORING OF VAPOR PHASE
POLYCYCLIC AROMATIC
HYDROCARBONS

Group Art Unit: 2877

Examiner: Unassigned

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INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Peter K. Skiff
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Date: May 24, 2002



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Assistant Commissioner for Patents
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Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Reissue Patent No. 32,598
U.S. Patent No. 3,749,495
U.S. Patent No. 3,788,752
U.S. Patent No. 3,975,098
U.S. Patent No. 4,679,939
U.S. Patent No. 5,477,218
U.S. Patent No. 5,748,311
U.S. Patent No. 5,793,478
U.S. Patent No. 5,880,830
U.S. Patent No. 5,993,194
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J.P. ALARIE et al. "A Fiber-Optic Cyclodextrin-Based Sensor", Talanta, Vol. 38, No. 5, pp. 529-534, 1991, printed in Great Britain.

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Tuan Vo-Dinh et al., "Laser-Induced Room-Temperature Phosphorescence Detection of Benzo[a]pyrene-DNA Adducts", American Chemical Society, Analytical Chemistry, Vol. 59, No. 8, April 15, 1987, pp. 1093-1095.

Christopher L. Stevenson et al., "Analysis of Polynuclear Aromatic Compounds Using Laser-Excited Synchronous Fluorescence", Analytica Chimica Acta, 303 (1995), pp. 247-253.

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T. Vo-Dinh et al., "Screening Polynuclear Aromatic Pollutants in Ambient and Indoor Air by Synchronous Luminescence", 79th Annual Meeting of the Air Pollution Control Association Minneapolis, Minnesota, June 22-27, 1986, 86-32.2, pp. 1-8.

Tuan Vo-Dinh, "Significance of Chemical Analysis of Polycyclic Aromatic Compounds and Related Biological Systems", Chemical Analysis of Polycyclic Aromatic Compounds, 1989, pp. 1-30.

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Tuan Vo-Dinh, "Development of a Dosimeter for Personnel Exposure to Vapors of Polyaromatic Pollutants", Environmental Science & Technology, Vol. 19, No. 10, pp. 997-1003, October 1985.

T. Vo-Dinh et al., "Detection of Polyaromatic Compounds Using Antibody-Based Fiberoptics Fluoroimmunosensors", Polynuclear Aromatic Hydrocarbons: Measurements, Means, and Metabolism, Battelle Press, International Symposium on Polynuclear Aromatic Hydrocarbons, Gaithersburg, MD, 1987, pp. 965-979.

T. Vo-Dinh et al., Screening Air Samples for Polynuclear Aromatic Compounds: A Field Study, Specialty Conference on Measurement and Monitoring of Non-Criteria (Toxic) Contaminants, Air Pollution Control Assoc., Chicago IL, March 23-4, 1983, 12 pages.

R. P. Cooney et al., "The Sit Image Vidicon as a Gas-Phase Fluorescence Detector for Gas Chromatography", Analytica Chimica Acta 89 (1977), pp. 9-19.

T. Vo-Dinh et al., "Immunosensors: Principles and Applications", Immunomethods 3, pp. 85-92 (1993).

Brian M. Cullum et al., "High-Temperature Fluorescence Measurements and Instrumentation for Polyaromatic Hydrocarbons (PAH): A Review", Journal of Polycyclic Aromatic Compounds, Vol. 18, No. 1, pp. 25-47 (2000).

Zhenhuan Chi et al., "Laser-Induced Fluorescence Studies of Polycyclic Aromatic Hydrocarbons (PAH) Vapors at High Temperatures", Spectrochimica Acta, Part A, Vol. 57, pp. 1377-1384 (2001).

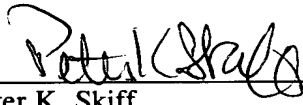
J. C. Andre et al., "Applications of Fast Fourier Transform to Deconvolution in Single Photon Counting", J. Phys. Chem., Vol. 83, No. 17, pp. 2285-2294 (1979)

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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